

## Figure 1

### LTBP2: latent transforming growth factor beta binding protein 2

#### human vs mouse

(SEQ ID NO. 5) **GPA018** 1 qrdpvgyepaggdanrlrrpggsypaaaaakvyslfreqdapvaglqpv 50  
|||| :|||||| |||| |||| | ||:|||||||||| |||| || |  
(SEQ ID NO. 6) **mLTBP2** 56 qrsigryepasrdanrlwhpvgsypaaaaakvyslfrepdapvpglsp 105  
51 eraqpgwgspprrpteaaarrpsraqqssrr 79  
| || . | . |||||||| | || ||  
106 ewnqpaqgnpgwlaeaaarrpprtqqlrr 134

#### hypothetical protein XP\_097406      No match in mouse

(SEQ ID NO. 7) **GPA019** 1 atlggpeeestienyasyrpe.....afkakdeflnwhalfes 36  
||||| :|||||| |||| |||| | |||| |||||  
(SEQ ID NO. 8) **XP\_097406** 23 atlggpeeestienyasyrpeafntpflnidklrsafkakdeflnwhalfes 72  
37 ikrklpflnwdafpk1kg1rsatpdaq 63  
||||| :|||||| |||| |||| | |||||  
73 ikrklpflnwdafpk1kg1rsatpdaq 99

(SEQ ID NO. 9) **GPA020** 1 atlggpeeestienyasyrpeafntpflnidklr. afkadeflnmhafes 49  
||||| :|||||| |||| |||| | |||| |||| | |||||  
(SEQ ID NO. 8) **XP\_097406** 23 atlggpeeestienyasyrpeafntpflnidklrsafkakdeflnwhalfes 72  
50 ikrklpflnwdafpk1kg1rsatpdaq 76  
||||| :|||||| |||| |||| | |||||  
73 ikrklpflnwdafpk1kg1rsatpdaq 99

### ANGPTL1: angiopoietin-like 1

#### human vs mouse

(SEQ ID NO. 10) **GPA022** 1 CAYTFLVPEQRITGPICVNNTKGQDASTIKDMITRMDLENLKDVLSRQKR, 49  
||||| :|||||| |||| |||| | |||||  
(SEQ ID NO. 12) **mANGPTL1** 1 GSYTFLVPEQNTGPICVNNTKGQDAGTIKDmitrmdlenlkdvlsrqkr 20  
↓  
Translated mouse 5' sequence (SEQ ID NO. 11)  
(SEQ ID NO. 13) **GPA023** 51 stikmitrmdlenlkdvlsrqkr..... 74  
||||| :|||||| |||| |||||  
(SEQ ID NO. 14) **mANGPTL1** 1 ...mitrmdlenlkdvlsrqkreidvlqlvvvdgnivnevklrkes 45  
↓  
Human precursor sequence